

# NEBRASKA

## WEATHER & CROPS



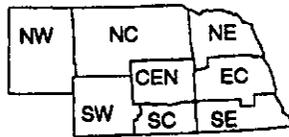
For Week Ending July 30, 1995

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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admn.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UN-L

### WEATHER

Temperatures for the week averaged from one to five degrees above normals. Precipitation was scattered across the State with amounts ranging from none up to over two inches.

### GENERAL

Hot, dry weather with only scattered rainfall last week continued to stress dryland crops and pastures, according to the Nebraska Agricultural Statistics Service. A good general rain and cooler temperatures are needed to help crops pollinate and develop properly. Statewide, crop producers continued irrigating crops and finishing up second hay cutting. Other producer activities included harvesting wheat and oats, baling straw, moving grains to markets, and weed control.

### CROPS

Winter wheat harvest made excellent progress in the Panhandle last week. Statewide, 84% was cut as of Sunday. This compares to 100% harvested last year and the average of 87%. Reports in the Panhandle indicated better than average yields and test weight. The rapid harvest progress has resulted in some shortages of rail cars in the Panhandle.

The all corn condition was rated 3% very poor, 11% poor, 36% fair, 46% good and 4% excellent. Irrigated corn was rated at 63% good or excellent. Dryland corn was rated 26% good or excellent but 27% very poor to poor. Corn silking moved at a rapid pace last week and was 31% complete, well behind 95% last year and 77% for the five-year average. Corn borer, rootworm beetle and grasshopper activity was noted in the east central and southeast districts.

Soybean condition declined from the previous week

### CROPS (Cont.)

and rated 4% very poor, 21% poor, 45% fair, 28% good, and 2% excellent. Statewide, 56% of the soybean acreage was blooming by week's end, which was well behind last year's 93% and the five-year average of 71%.

Sorghum condition rated 2% very poor, 17% poor, 51% fair, 29% good, and 1% excellent. Sorghum heading was just beginning last week with 2% headed as of Sunday, with the east central district being the most advanced. This compares to 66% last year and 29% for the average.

Oat harvest also made excellent progress across the State last week and was 71% complete. This is equal to the five-year average, but behind 90% last year.

Dry bean condition was rated at 8% very poor, 10% poor, 29% fair, 49% good, and 4% excellent. About 28% of the crop was blooming as of Sunday, compared to 88% last year.

Alfalfa condition was rated at 2% very poor, 11% poor, 35% fair, 50% good, and 2% excellent. Second cutting of alfalfa remained active with 81% complete, compared with 94% last year and 83% for the five-year average. Reports in the northeast fear there will be no third cutting if rain isn't received soon. Wild hay condition was rated at 1% very poor, 8% poor, 19% fair, 60% good and 12% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition declined last week and was rated at 2% very poor, 12% poor, 34% fair, 41% good, and 11% excellent. Pastures continued to show signs of deterioration in eastern areas. A good rain is needed to help regrowth. Western pastures continued to provide adequate grazing for cattle. Above normal temperatures continue to stress livestock in confined areas, limiting weight gains.

FIELD WORK PROGRESS AS OF JULY 30, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Ripe	100	100	100	100	100	100	100	100	100	70	100	99
% Wheat Harvested	56	97	100	100	100	100	100	100	84	51	100	87
% Corn Silked	0	28	23	11	47	12	43	44	31	3	95	77
% Sorghum Headed	0	0	0	0	6	0	2	0	2	0	66	29
% Soybeans Blooming	0	11	42	43	68	31	16	69	56	15	93	71
% Soybeans Setting Pods	0	0	4	6	5	1	1	5	5	0	50	22
% Alfalfa Second Cutting	37	63	99	75	100	97	100	94	81	66	94	83
% Dry Beans Blooming	19	46	4	46	0	45	0	0	28	11	88	n/a
% Dry Beans Podded	3	1	0	3	0	7	0	0	4	0	45	n/a
% Oats Harvested	17	33	79	70	66	45	100	100	71	40	90	71
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 28, 1995												
Days suitable	6.3	6.4	6.9	6.3	6.2	6.0	6.6	6.5	6.4	5.9	5.7	
Topsoil moisture - Very Short	0	5	55	8	40	8	11	36	24	20	0	
(Percent) - Short	18	79	36	88	43	36	71	33	49	42	28	
- Adequate	81	16	9	4	17	56	18	31	27	37	70	
- Surplus	1	0	0	0	0	0	0	0	0	1	2	
Subsoil moisture - Very Short	0	2	2	2	20	3	5	1	5	2	0	
(Percent) - Short	5	15	50	59	59	20	36	51	39	28	12	
- Adequate	95	83	47	39	21	77	59	48	56	88	86	
- Surplus	0	0	1	0	0	0	0	0	0	2	2	

n/a = not available.

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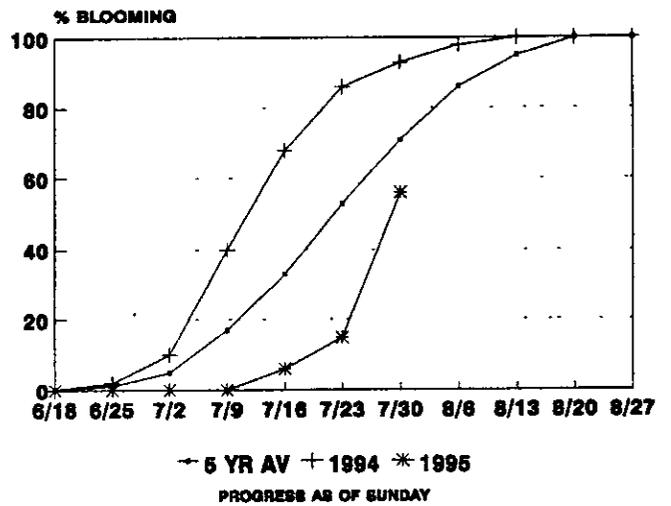
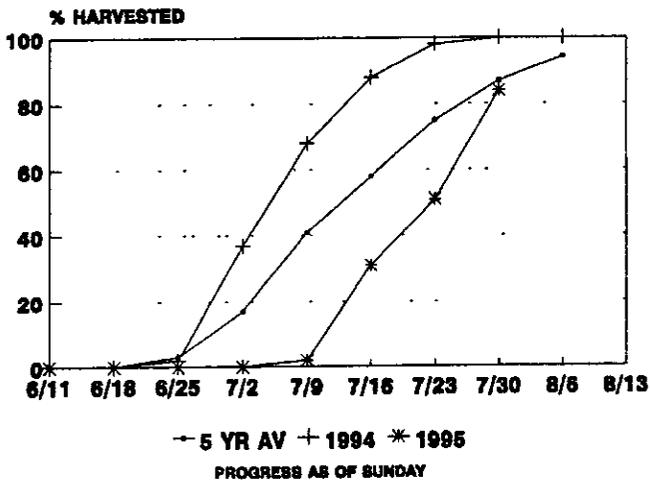
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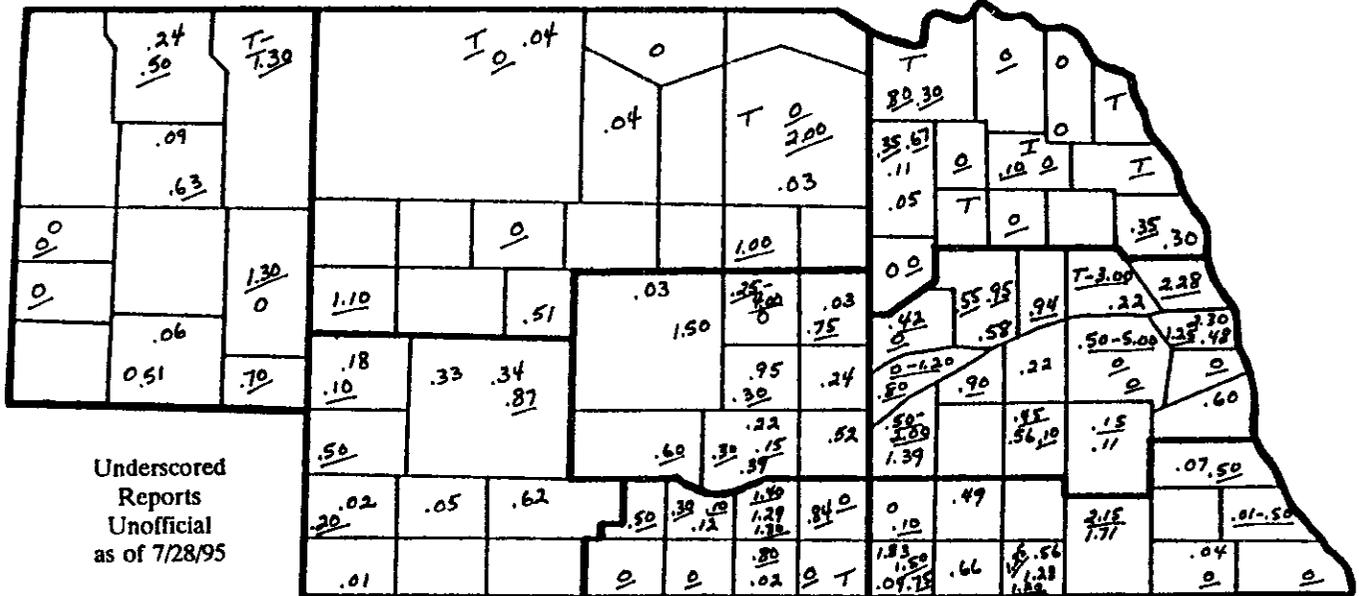
*R. J. ...*  
7/31/95

**WINTER WHEAT  
HARVESTED FOR ALL PURPOSES**

**SOYBEANS BLOOMING**



**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 30, 1995**



Underscored  
Reports  
Unofficial  
as of 7/28/95

**PRECIPITATION, APRIL 1 - JULY 30, 1995**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.13	.10	.05	.43	.72	.22	.36	.67
Total since April 1	13.98	15.60	14.62	15.44	14.49	15.55	16.04	18.49
Normal since April 1	10.17	12.11	13.49	13.25	14.35	11.49	13.05	14.51

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, JULY 30, 1995**

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Total Inches	Last Week	Current
	Max	Min						
NW Chadron	106	55	77	---	.24	---	---	---
Scottsbluff	103	52	76	+1	0	1065	1213	1622
Sidney	102	51	75	---	0	999	1146	1487
NC Valentine	106	58	80	+5	.04	---	---	---
Arthur	---	---	---	---	---	1093	1251	1512
O'Neill	---	---	---	---	---	1214	1380	1717
NE Norfolk	98	61	80	+4	T	---	---	---
Sioux City	98	55	79	+3	T	---	---	---
Concord	---	---	---	---	---	1313	1489	1795
Elgin	---	---	---	---	---	1292	1470	1734
West Point	---	---	---	---	---	1391	1566	1837
CEN Grand Island	100	61	80	+3	.52	---	---	---
Ord	98	59	78	---	0	1283	1455	1757
Kearney	---	---	---	---	---	1318	1495	1840
Wood River	---	---	---	---	---	1343	1516	1906
EC Lincoln	101	61	81	+3	.11	1558	1748	1977
Omaha	100	64	81	+4	2.30	---	---	---
Central City	---	---	---	---	---	1361	1533	1925
Mead	---	---	---	---	---	1478	1654	1918
Rising City	---	---	---	---	---	1393	1567	1886
SW Imperial	---	---	---	---	---	---	---	---
North Platte	98	56	78	+3	.34	1213	1367	1680
McCook	---	---	---	---	---	1334	1504	1860
SC Holdrege	---	---	---	---	---	1334	1508	1847
Red Cloud	---	---	---	---	---	1422	1601	1899
SE Beatrice	---	---	---	---	---	1478	1658	1911
Clay Center	---	---	---	---	---	1369	1541	1871

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.